Ministry of
Northern Development
and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

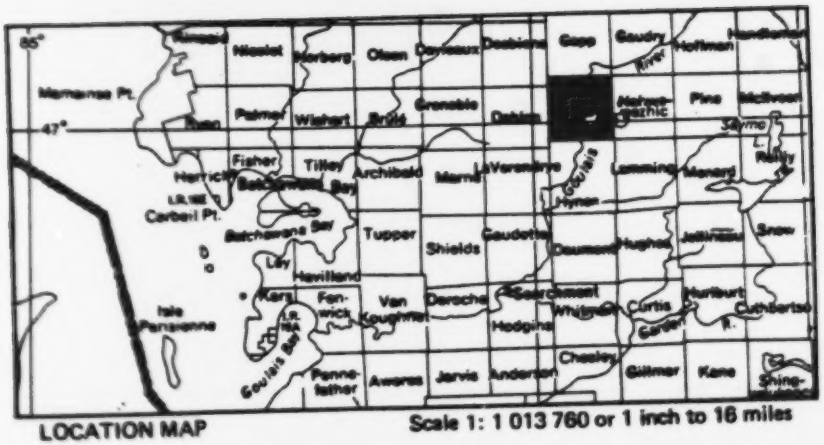
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 305

LUNKIE TOWNSHIP

DISTRICT OF ALGOMA

Compiled by the staff of
the Resident Geologist's Office
Sault Ste. Marie



LOCATION MAP

Scale 1: 1 013 760 or 1 inch to 16 miles

86-04706/

NTS Number 41 J/13 41 O/4

Mining Claim Map Number M - 1471
G. 2379

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Lunkie Township, District of Algoma; Ontario Geological Survey, Geological Data Inventory Folio 305 , compiled by the staff of the Resident Geologist's Office, Sault Ste. Marie, 14 pages and 2 maps.

Original Compilation by: Melisek, J.D., 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

LUNKIE TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1 map
Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweighta/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweighta/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	J.D.M.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	ODM General Index; 9 Volumes	Yes	J.D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	J.D.M.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	J.D.M.
6	ODM Industrial Mineral Reports	No	J.D.M.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	J.D.M.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	J.D.M.
9	Newspaper Clippings File	No	J.D.M.
10	GSC Index to Publications	No	J.D.M.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	J.D.M.
12	OGS Index Maps	Yes	J.D.M.
13	Source Mineral Deposit Records (O.G.S.)	No	J.D.M.
14	Author - Subject Articles File	Yes	J.D.M.
15	Miscellaneous Papers: ODM & OGS	Yes	J.D.M.
16	ODM Geological Circulars: OGS Study Series	No	J.D.M.
17	ODM Preliminary Reports: ODM Bulletins	No	J.D.M.
18	ODM – OGS Open File Reports	Yes	J.D.M.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	J.D.M.
20	OGS Aggregate Resources Inventory Papers	No	J.D.M.
21	OGS Mineral Potential Maps	Yes	J.D.M.
22	Algoma Central Railway Maps	N/A	J.D.M.

METALS AND MINERALS REFERENCES LIST

△ anh	Anhydrite	△ fu	Fuchsite	△ Ni	Nickel	△ st	Stone
△ ank	Ankerite	△ gn	Galena	△ Nb	Niobium	△ talc	Talc
△ anna	Annabergite	△ gt	Garnet	△ Pd	Palladium	△ Te	Tellurium
△ ap	Apatite	△ goe	Goethite	△ peat	Peat	△ td	Tetrahedrite
△ arg	Argentite	△ Au	Gold	△ pent	Pentlandite	△ th	Thorite
△ As	Arsenic	△ gf	Graphite	△ Pt	Platinum	△ Th	Thorium
△ asp	Arsenopyrite	△ gl	Gravel	▲ py	Pyrite	△ thuc	Thucholite
△ asb	Asbestos	△ gyp	Gypsum	△ pyl	Pyrochlore	△ ti	Titanite
△ ba	Barite	△ hem	Hematite	△ pyrl	Pyrolusite	△ Ti	Titanium
△ be	Beryl	△ il	Ilmenite	▲ po	Pyrrhotite	△ tour	Tourmaline
△ Bi	Bismuth	△ Fe	Iron	△ q	Quartz	△ trap	Trap rock
△ bn	Bornite	△ IF	Iron Formation	△ qcv	Quartz carbonate vein	△ W	Tungsten
△ bran	Brannerite	△ jas	Jasper	△ ra	Radioactive minerals	△ uran	Uraninite
△ bruc	Brucite	△ kaol	Kaolinite (kaolin)	△ RE	Rare Earths	△ U	Uranium
△ Cd	Cadmium	△ ky	Kyanite	△ sd	Sand	△ verm	Vermiculite
△ calc	Calcite	△ Pb	Lead	△ sgl	Sand and gravel	△ Y	Yttrium
△ carb	Carbonate	△ lim	Limonite	△ ss	Sandstone	△ Zn	Zinc
△ cel	Celestite	△ Li	Lithium	△ scap	Scapolite	△ zr	Zircon
△ cc	Chalcocite	△ mgst	Magnesite	△ shee	Scheelite		
▲ cp	Chalcopyrite	△ mag	Magnetite	△ serp	Serpentine		
△ ch	Chert	△ mc	Malachite	△ sh	Shale		
△ clay	Clay	△ Mn	Manganese	△ sid	Siderite		
△ Co	Cobalt	△ mb	Marble	△ si	Silica		
△ cob	Cobaltite	△ mar	Marcasite	△ Ag	Silver		
△ cb	Columbite	△ ma	Marl	△ sl	Slate		
△ Cu	Copper	△ mi	Mica	△ sm	Smaltite		
△ cor	Corundum	△ ml	Millerite	△ sod	Sodalite		
△ dol	Dolomite	△ mo	Molybdenite	△ spec	Specularite		
△ ep	Epidote	△ Mo	Molybdenum	△ sp	Sphalerite		
△ ery	Erythrite	△ mon	Monazite	△ spd	Spodumene		
△ fel	Feldspar	△ ne	Nephelite (nepheline)	△ staur	Staurolite		
△ fl	Fluorite (flurospar)	△ nc	Niccolite	△ stib	Stibnite		

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Logger's Lake Occurrence	py,cp			OGS, 1980, GR 192 with Map 2426
B	Private Lake Occurrence	py,po,cp			OGS, 1980, GR 192 with Map 2426

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done;e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Noranda Exploration Ltd. (Lunkie 0010-A1)											83	83							
2	Noranda Exploration Ltd. (Lunkie 0011)											83	83							
3	Hudson's Bay Oil & Gas Mining Ltd. (Gapp 0015-A1)	75								75										
4	Hudson's Bay Oil & Gas Mining Ltd. (Desbiens 0011)				76	76														
5	Jalore Mining Co. Ltd. (Davieaux 0014)								53											

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Hudson's Bay Oil & Gas Mining Ltd.	B-GR-1-76	1976	240°	-45°	10.0'	104.0'	cl,py,fel, calc,gf	Au,Ag,Cu, Zn,Ni,Pb
2	Hudson's Bay Oil & Gas Mining Ltd.	B-GR-2-76	1976	220°	-45°	17.0'	146.0'	tour,qcv,po, gf,cp,py,fel	Au,Ag,Cu, Zn,Ni,Pb
3	Hudson's Bay Oil & Gas Mining Ltd.	B-GR-3-76	1976	255°	-45°	0.0'	127.0'	calc,fel,sp, cp,cl,po,py, gf,qcv	Au,Ag,Cu, Zn,Ni,Pb
4	Hudson's Bay Oil & Gas Mining Ltd.	B-MR-1-76	1976	240°	-45°	0.0'	63.0'	fel,q,mi,py, qcv,cl,po, mag	Au,Ag,Cu, Zn,Ni,Pb
5	Hudson's Bay Oil & Gas Mining Ltd.	B-M-1-76	1976	270°	-45°	15.0'	130.0'	fel,cl,q, qcv,gf,py	Au,Ag,Cu, Zn,Ni,Pb
6	Hudson's Bay Oil & Gas Mining Ltd.	B-D-1-76X	1976	232°	-45°	0.0'	150.0'	fel,q,po,py, cp	Au,Ag,Cu, Zn,Ni,Pb
7	Hudson's Bay Oil & Gas Mining Ltd.	B-GR-8-76	1976	270°	-45°	20.0'	164.0'	cl,qcv,py, gf,po,cp	Au,Ag,Cu, Zn,Ni,Pb

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
3	-by Geoterrex Ltd. -for Hudson's Bay Oil & Gas Mining Ltd. 1975	-a. Geoterrex Mark V In Phase/Out of Phase Electromagnetic System -b. Geometrics Model 803 Magnetometer	165 feet	NE-SW NW-SE	1/6 mi 1/4 mi
5	-by Canadian Aero Service Ltd. -for Jalore Mining Co. Ltd. 1953	-a. Magnetometer			

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Whole Rock Analysis	SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2, P_2O_5, MnO	OGS-Grunsky, E.C. 1980	OGS GR 192 with Map 2426 p.8,16,22

GDIF FORM NO.5

LUNKIE TOWNSHIP

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sault Ste. Marie

GDIF FORM NO.

LUNKIE TOWNSHIP

ODM GENERAL INDEX SEARCH

Words searched:
Buck Lake
Cowie Lake
Goulais River
Lunkie Township
Morrison Lake or Creek
Private Lake

Township 23 Range 12

Index Volume	Listing:	Report Volume	Part	Page
I	No listings			
II	Cowie Lake, Goulais River Iron Range Township 22, Algoma			
	Iron formation	34	4	20
	Rocks. see map 34d with	34	4	
II	Goulais River			
	Iron Claims, Diabase	34	4	16
	see also Southern Iron Range			
	Report on, with map	34	4	19-27
III	No listings			
IV	Cowie Lake Township 22 Range 12, Algoma			
	Rocks	55	4	10-23
	Iron formation	55	4	23-29
	Ore deposits	55	4	30-35
	Topography, Notes and Photos	55	4	8-10
IV	Goulais River Iron Range, Township 22 Range 12, Algoma			
	Iron formation, folded, photo	55	4	5
	Location, map showing frontis	55	4	
	Maps, geological with	55	4	
	Report on	55	4	7-36
V	No listings			
VI	No listings			
VII	No listings			
VIII	No listings			
IX	Cowie Lake Area, Algoma District			
	Base Metals	GR 192		41-59
	Geology of the area			
	Report and map 2426 on, 1980 by E.C. Grunsky	GR 192		
	Iron	GR 192		39-40 48-56
	Summary of field work, 1977 by E.C. Grunsky	MP 075		84-87

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
IX	Goulais River Cowie Lake Area, Algoma District	GR 192		13,19 31-60
IX	Goulais River Fault Cowie Lake Area, Algoma District	GR 192		36,37 38,52
IX	Goulais River Iron Range Cowie Lake Area, Algoma District	GR 192		21,50- 56
IX	Lunkie Township, Algoma District Geology of the Cowie Lake Area	GR 192		
IX	Morrison Lake Lunkie & Nahwegezhic Township, Algoma District	GR 192		21,23, 28

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Beland, R.	1944	Petrography of the Ruth, Josephine and Goulais River Iron Ranges, Ontario	M.A. Thesis Univ. of Toronto	p.1-59
Fortescue, John A.C. & Lourim, Jeanette	1983	A Small Scale Mineral Resource Appraisal & Environmental Geochemical Survey in the Batchawana Mountain Area, District of Algoma	MP 116	p.164-165
Giblin, P.E. and Leahy, E.J.	1977	Batchawana Sheet	OGS Map P.302	1" to 2 mi.
Giblin, P.E., Leahy, E.J. and Robertson, J.A.	1979	Sault Ste. Marie - Elliot Lake Sheet	OGS Map 2419	1" to 4 mi.
Grunsky, E.C.	1978	Geology of the Cowie Lake Area, Algoma Dist.	OGS OFR 5246	84 pages
Grunsky, E.C. and Arengi, J.T.	1978	Cowie Lake Area	OGS Map P.1562	1:15,840
Grunsky, E.C.	1980	Geology of the Cowie Lake Area, District of Algoma	OGS Report 192 Map 2426	67 pages 1" to 1/2 mi.
Grunsky, E.C.	1981	Batchawana Synoptic Project	MP 100	p.56-60
Grunsky, E.C.	1982	Batchawana Synoptic Project	MP 106	p.36-40
Grunsky, E.C.	1983	Batchawana Synoptic Project	MP 116	p.54-58
Grunsky, E.C.	1984	Batchawana Synoptic Project	MP 119	p.62-66

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Grunsky, E.C.	1984	Geochronological Studies in the Batchawana Area, Paleomagnetic/Lithogeochemical Studies of Diabase Dikes in the Batchawana Area	MP 119	p.67-68
Moore, E.S.	1925	Mississagi Reserve and Goulais River Iron Ranges, District of Algoma	ODM Annual Report Vol. 34 Pt. 4 and Map 3401	p.1-32 1" to 1/2 mi.
Moore, E.S. and Armstrong, H.S.	1946	Iron Deposits in the District of Algoma	ODM Annual Report Vol. 55 Pt. 4 with Maps 1946-4	p.1-35 1" to 400'
ODM	1923	Upper Goulais River Area-Goulais River Iron Range	Report of the Ont. Iron Ore Committee	p.196
ODM-GSC	1963	Aeromagnetic Map: Ranger Lake Goulais Lake	2214G 2215G	1" to 1 mi. 1" to 1 mi.
Roed, M.A. and Hallett, D.R.	1980	Wenebegon Lake Area, District of Algoma, OGS Northern Ontario Engineering Geology Terrain Study	NOEGTS 86 with Map 5016	16 pages 1:100,000
Springer, Janet	1977	Ontario Mineral Potential, Blind River and Part of Sault Ste. Marie Sheet	OGS Map P.1513	1:250,000
Springer, Janet	1977	Ontario Mineral Potential, Chapleau Sheet	OGS Map P.1515	1:250,000
VanDine, D.F.	1980	Wakomata Lake Area, District of Algoma, OGS Northern Ontario Engineering Geology Terrain Study	NOEGTS 92 with Map 5005	13 pages 1:100,000

GDIF FORM NO.9

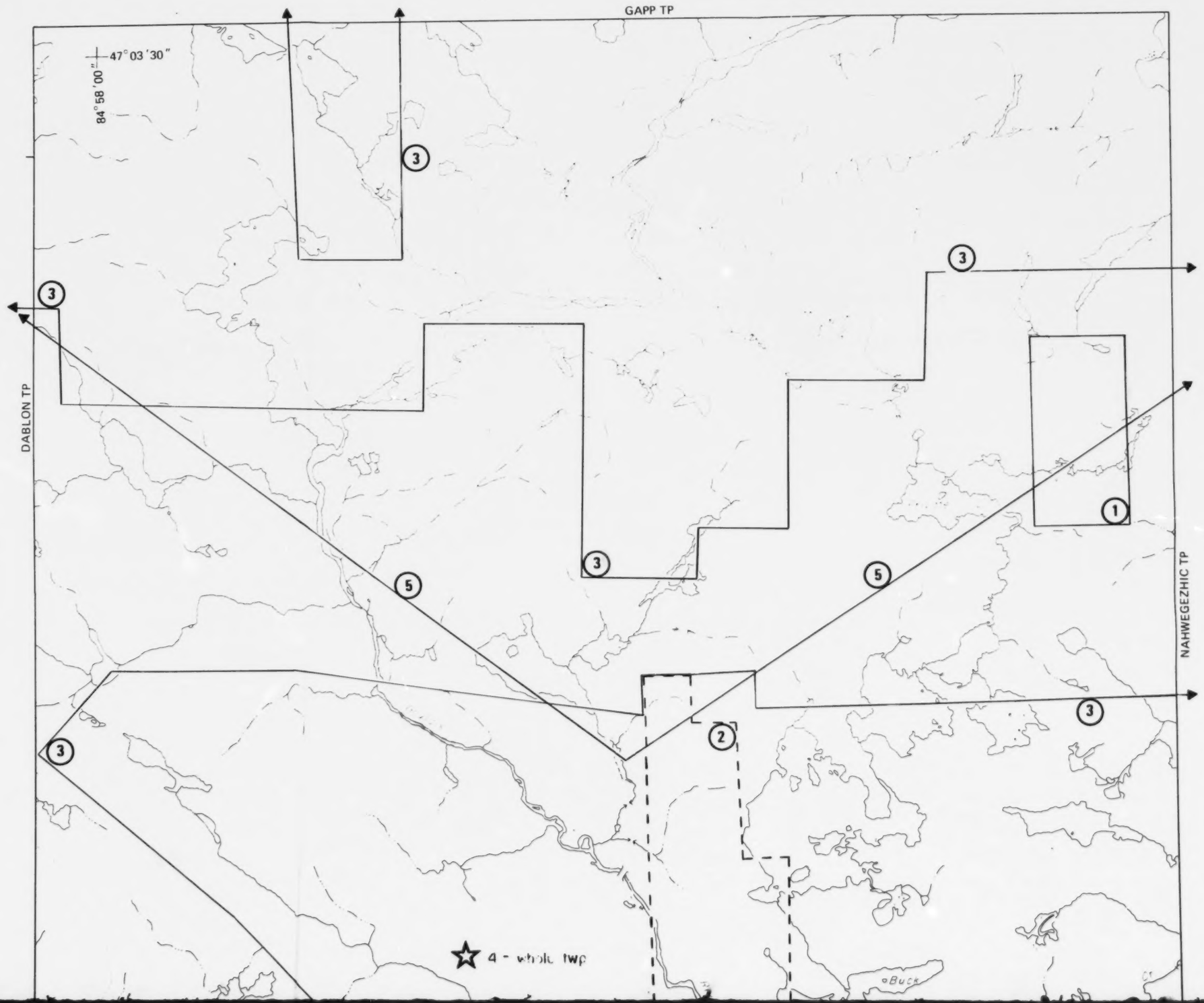
NOTES AND ADDENDA

-Lunkie Township was formerly known as Township 23, Range 12.

-Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in:

1. Rose, D.G.
1985: Mineral Inventory of the Sudbury - Timmins - Sault Ste. Marie Region, Ontario; Geological Survey Canada Open File 1087.

GDIF FORM NO.30



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SUR

PROPERTY LOCATION

GEOLOGICAL DATA INVENTORY

(Map 1 of 2)

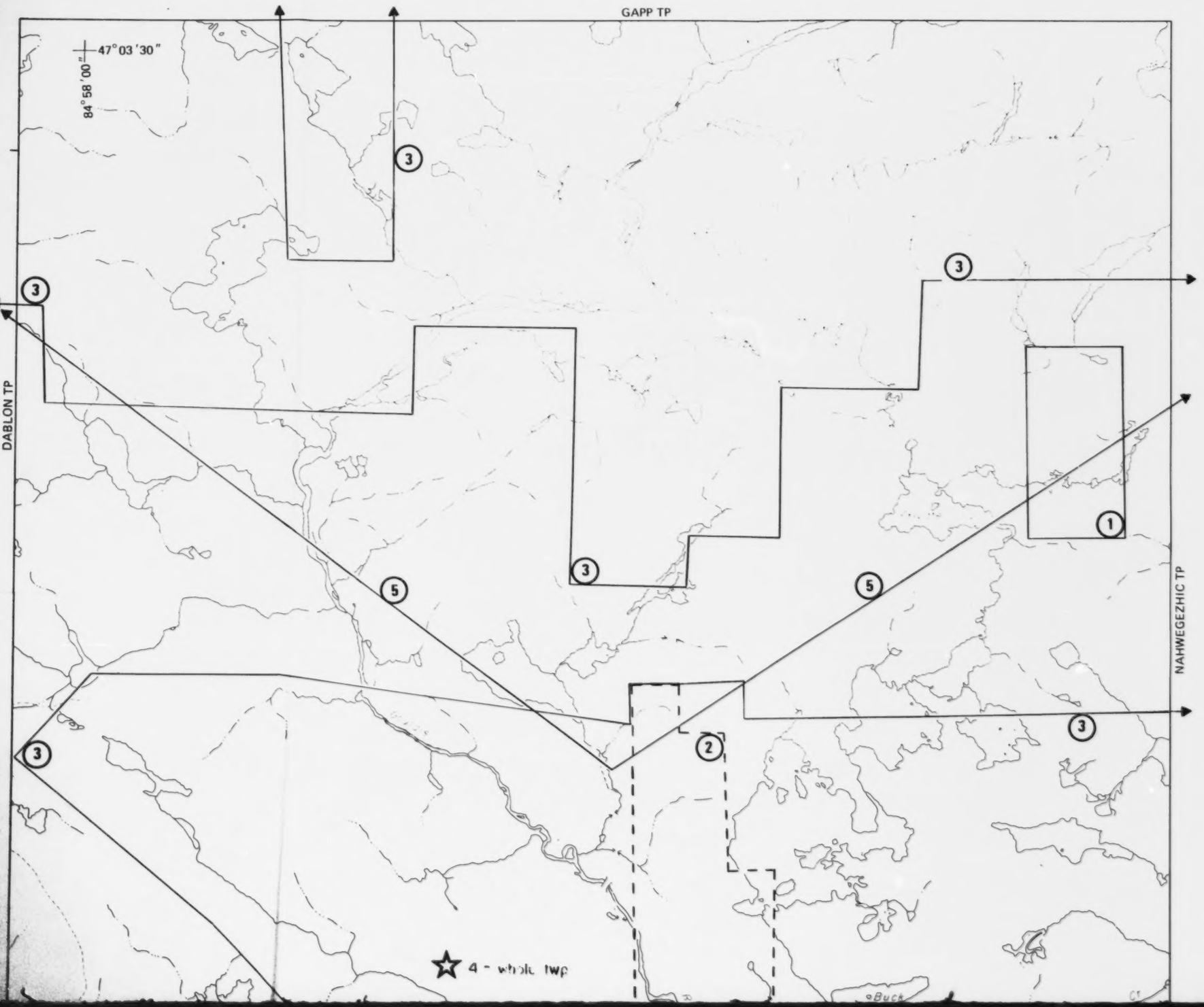
LUNKIE TOW

DISTRICT OF ALGON

Scale 1:31 680

Kilometre 0.5 0 0.5

Mile 0.5 0 0.5



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George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 305

(Map 1 of 2)

LUNKIE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

Ontario

ONTARIO GEOLOGI

PROPERTY LOC

GEOLOGICAL DATA INVE

(Map 1 o

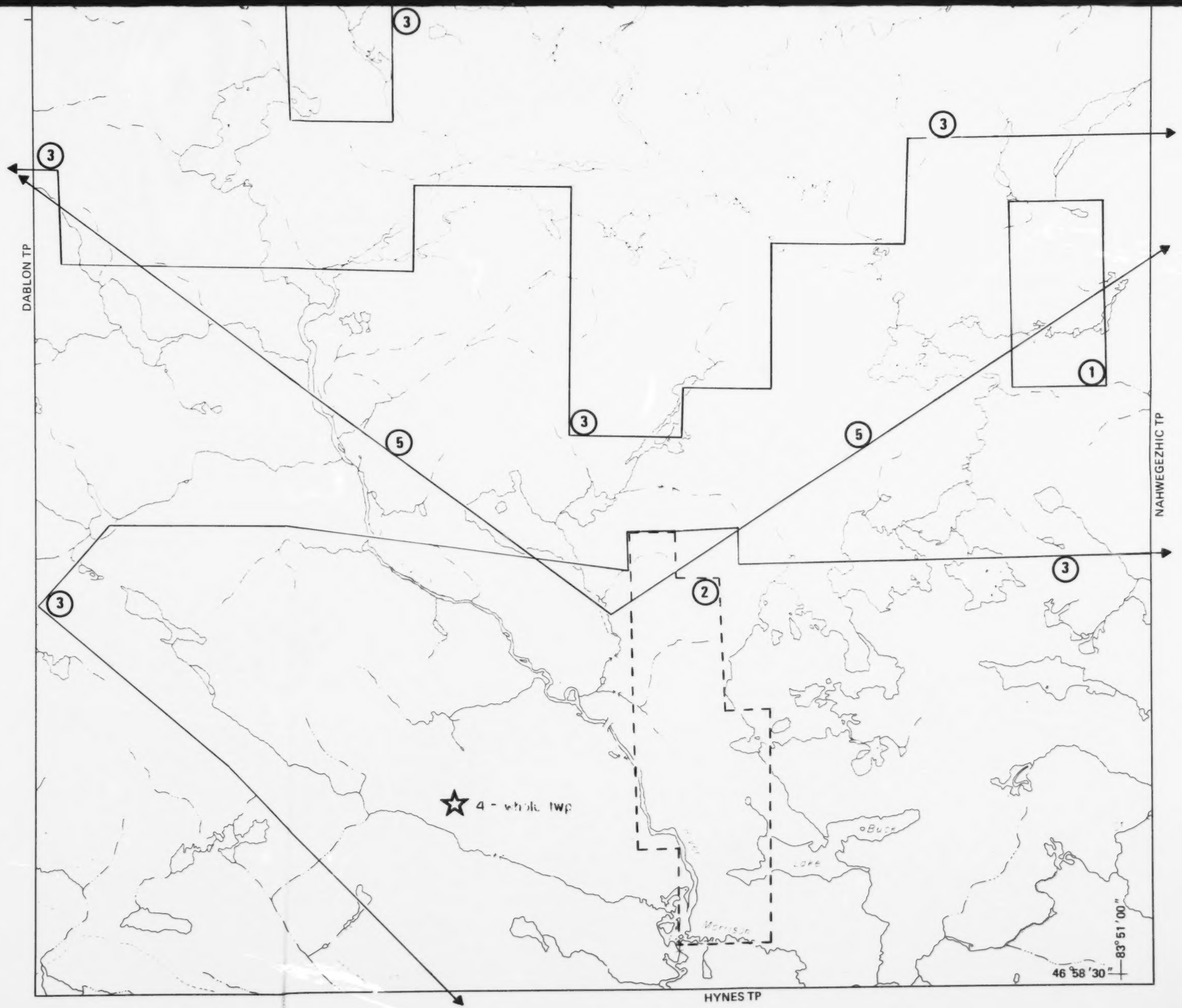
LUNKIE TO

DISTRICT OF

Scale 1:31

Kilometre 0.5 0

Mile 0.5 0



EXPLORATION D

Reference number is
See listing in text pag

Small area exploratio

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 305

(Map 1 of 2)

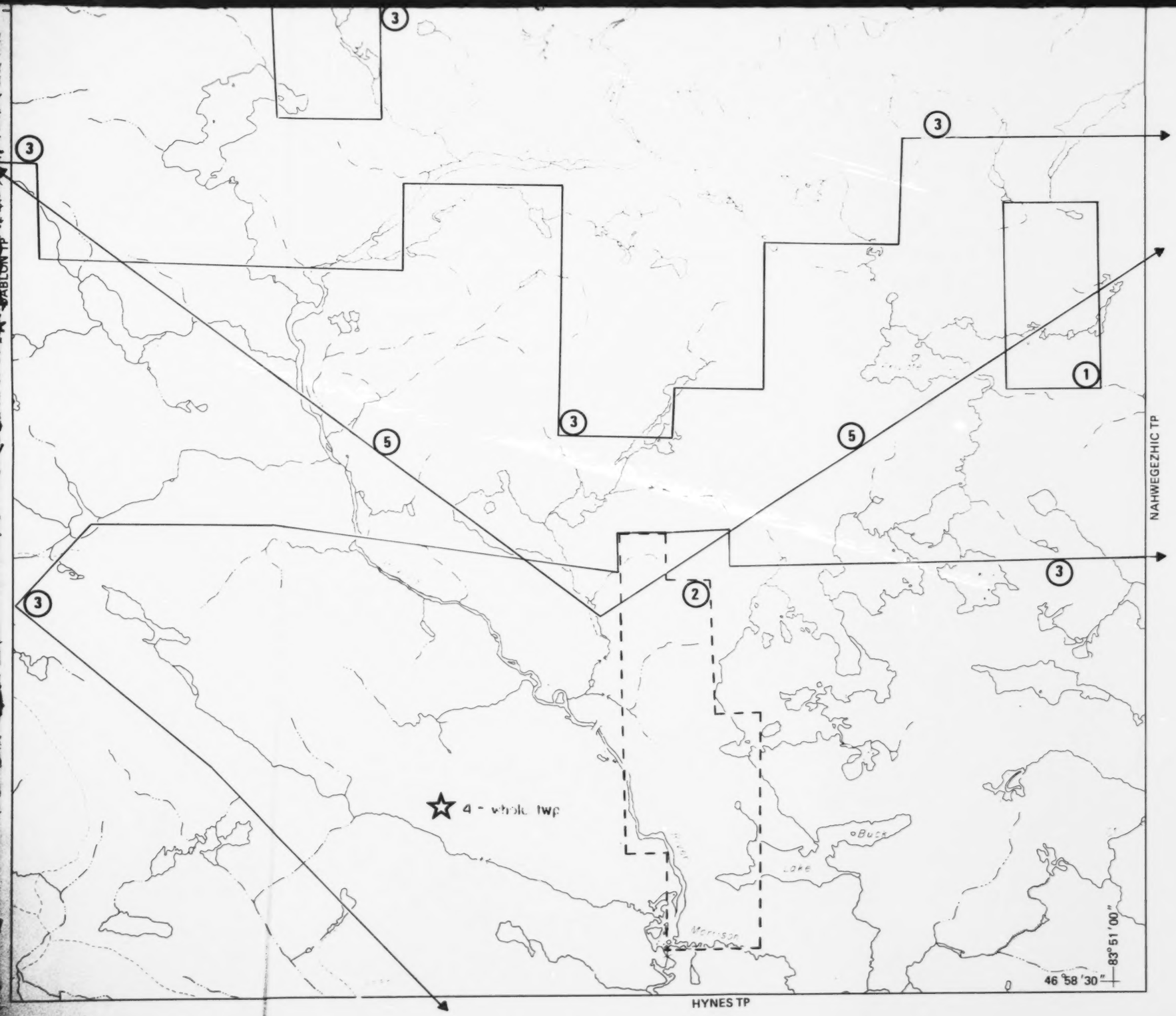
LUNKIE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

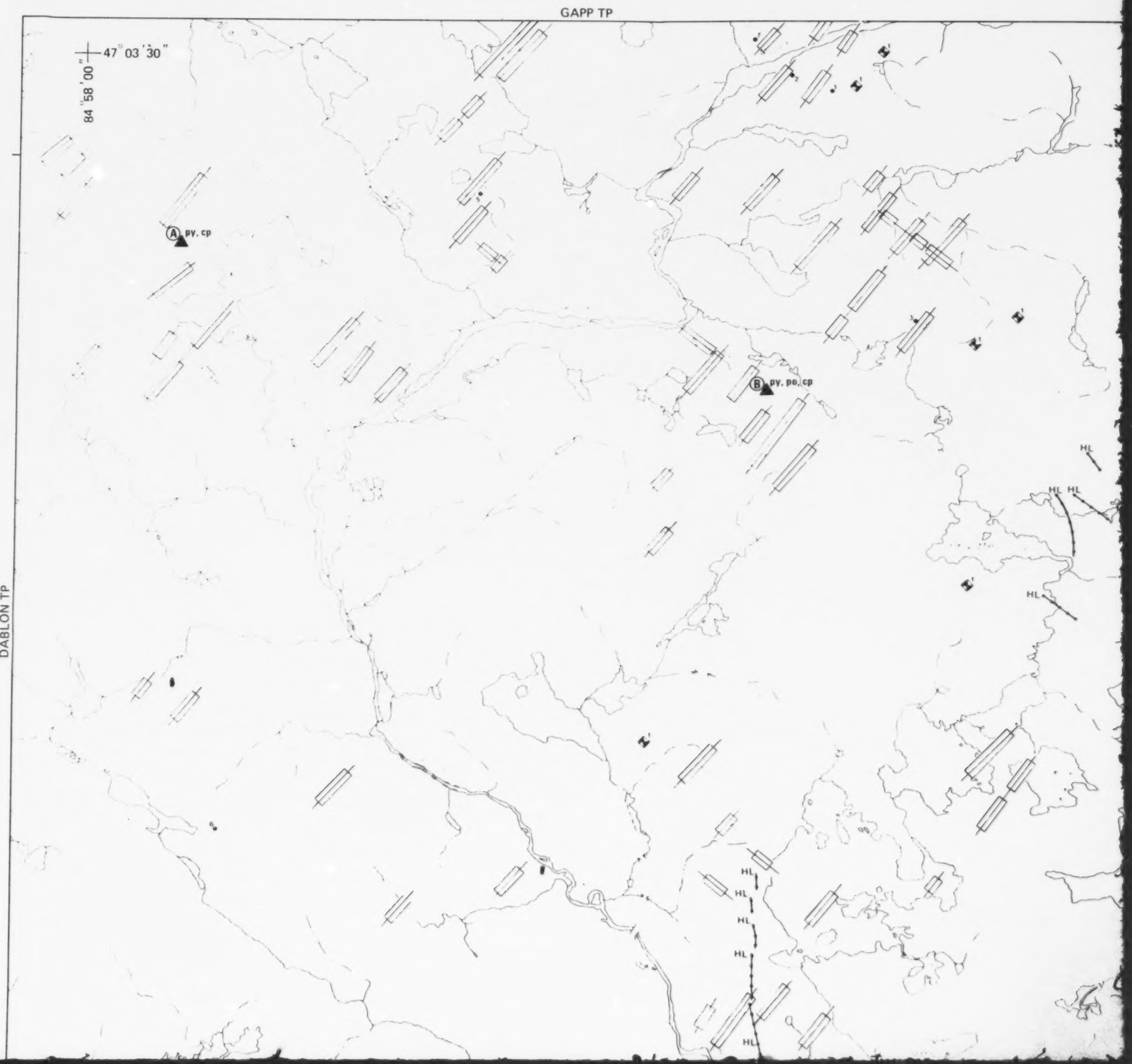
- ■ Geochemical sample site, with reference number
- □ Area of geochemical sampling, with reference number
- □ Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- □ AM — Airborne magnetic anomaly
- ■ Airborne electromagnetic anomaly Length of anomaly along flight line
- □ Airborne electromagnetic anomaly Location of anomaly along flight line
- □ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- □ ARA — Airborne radiometric anomaly
- □ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- □ RA — Ground radiometric anomaly
- □ IP — Induced polarization anomaly
- □ SP — Self potential anomaly
- □ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- □ R — Resistivity anomaly
- □ GR — Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- □ Adit
- □ Open pit
- □ Rock quarry
- □ Sand and/or gravel pit



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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 305

(Map 2 of 2)

LUNKIE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp ▲ A. — Mineral occurrence at surface, with reference letter
- □ Au ◪ A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag △ A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp ⬬ A. — Mineralized float with reference letter

DRILLHOLE

- ■ •2 — Location of single drillhole, with reference number
- □ ◉2 — Location of closely spaced group of drillholes, with reference number
- □ ⊙2 — Drillhole, exact location uncertain, with reference number
- □ ◡ — Property with underground drillholes in this general area, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry
- Adit
- Sand and/or gravel pit
- Open pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 305

(Map 2 of 2)

LUNKIE TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp ▲ A. — Mineral occurrence at surface, with reference letter
- □ Au A. 84° — Mineral occurrence with shaft, depth given with reference letter
- □ Ag △ A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp ▬ A. — Mineralized float with reference letter

DRILLHOLE

- ■ •2 — Location of single drillhole, with reference number
- □ ⊙2 — Location of closely spaced group of drillholes, with reference number
- □ ⊙?2 — Drillhole, exact location uncertain, with reference number
- □ ◡ — Property with underground drillholes in this general area, with reference number
- □ ○2 — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕2 — Reverse circulation drillhole; churn drilling, with reference number